



Handwritten initials/signature

PATENT

Attorney Docket No.: 09010/046001 (DIVER1220-2)

In re Application of:)
Jay M. Short)
Application No.: 09/214,645)
Filed: January 8, 1999)
For: METHOD OF DNA SHUFFLING)
WITH POLYNUCLEOTIDES)
PRODUCED BY BLOCKING OR)
INTERRUPTING A SYNTHESIS OR)
AMPLIFICATION PROCESS)

POWER OF ATTORNEY BY ASSIGNEE

As a below-named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of the assignee to prosecute the Application and to transact all business in the United States Patent and Trademark Office connected therewith:

TIM ELLIS
ROBROY R. FAWCETT
LISA A. HAILE
DARLENE W. HAYES
WILLIAM N. HULSEY III,
RICHARD J. IMBRA
DAVID F. KLEINSMITH
JUNE M. LEARN
TIMOTHY W. LOHSE
TERRANCE A. MEADOR
JOHN OSKOREP
STEPHEN E. REITER
STEVEN R. SPRINKLE
RAMSEY R. STEWART
DAVID R. STEVENS
BARRY N. YOUNG

Registration No. 41,734
Registration No. 35,133
Registration No. 38,347
Registration No. 33,899
Registration No. 33,402
Registration No. 37,643
Registration No. 40,050
Registration No. 31,238
Registration No. 35,255
Registration No. 30,298
Registration No. 41,234
Registration No. 31,192
Registration No. 40,825
Registration No. 38,322
Registration No. 38,626
Registration No. 27,774



In re Application of:

Jay M. Short

Application No.: 09/214,645

Filed: January 8, 1999

Page 2

PATENT

Attorney Docket No.: 09010/046001 (DIVER1220-2)

I hereby authorize and request insertion of the application number of the
Application when officially known.

Direct all telephone calls to:

LISA A. HAILE, PH.D.

Telephone: (858) 677-1456

Address all correspondence to:

LISA A. HAILE, PH.D.

GRAY CARY WARE & FREIDENRICH LLP

4365 Executive Drive, Suite 1600

San Diego, CA 92121

DIVERSA CORPORATION

~~a California corporation~~

a Delaware corporation

By:

Name:

Jay M. Short, Ph.D.

Title:

President, Chief Executive Officer and Chief Technology Officer

Date:

10/18/99



1635

0580

PATENT

Attorney Docket No.: DIVER1220-2 (09010/046001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jay M. Short

Application No.: 09/214,645

Filed: January 8, 1999

For: METHOD OF DNA SHUFFLING WITH
POLYNUCLEOTIDES PRODUCED BY
BLOCKING OR INTERRUPTING A
SYNTHESIS OR AMPLIFICATION
PROCESS

) Group Art Unit: Unassigned

) Examiner: Unassigned

) CERTIFICATION UNDER 37 CFR §1.8

) I hereby certify that the documents referred to as enclosed
) herein are being deposited with the United States Postal
) Service as first class mail on November 9, 1999, in an
) envelope addressed to: Assistant Commissioner for Patents,
) Washington, D.C. 20231

) Margaret J. Pierce

11/09/99

RECEIVED

DEC 20 1999

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

COMMUNICATION

Applicants hereby submit an executed Power of Attorney by Assignee with regard to the above-identified patent application.

No fee is deemed necessary in connection with this transaction. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 07-1895. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Lisa A. Haile, Ph.D.

Registration No. 38,347

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

Dated: November 9, 1999

GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189

GT6155278.1
104703-156702